

Message

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**From:** Carpenter, Angela [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C846A1A5E3564A08938A50B1D32D3094-CARPENTER, ANGELA]  
**Sent:** 1/19/2022 11:39:40 PM  
**To:** Vaughn, Stephanie [Vaughn.Stephanie@epa.gov]  
**CC:** Sivak, Michael [Sivak.Michael@epa.gov]; Clemetson, Michael [Clemetson.Michael@epa.gov]; Griffiths, Rachel [griffiths.rachel@epa.gov]; Ketu, Rupika [Ketu.Rupika@epa.gov]; Fajardo, Juan [Fajardo.Juan@epa.gov]; Flanagan, Sarah [Flanagan.Sarah@epa.gov]  
**Subject:** RE: Rolling Knolls

Thanks, I don't get these directly from Sally.

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**From:** Vaughn, Stephanie <Vaughn.Stephanie@epa.gov>  
**Sent:** Wednesday, January 19, 2022 6:10 PM  
**To:** Carpenter, Angela <Carpenter.Angela@epa.gov>  
**Cc:** Sivak, Michael <Sivak.Michael@epa.gov>; Clemetson, Michael <Clemetson.Michael@epa.gov>; Griffiths, Rachel <griffiths.rachel@epa.gov>; Ketu, Rupika <Ketu.Rupika@epa.gov>; Fajardo, Juan <Fajardo.Juan@epa.gov>; Flanagan, Sarah <Flanagan.Sarah@epa.gov>  
**Subject:** FW: Rolling Knolls

FYI, and scroll down for Mike Horne's transmission email. I'm not sure who gets these, so sorry if a duplicate!

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**From:** Sally Rubin <[srubin@greatswamp.org](mailto:srubin@greatswamp.org)>  
**Sent:** Wednesday, January 19, 2022 6:01 PM  
**To:** [srubin@greatswamp.org](mailto:srubin@greatswamp.org)  
**Subject:** Rolling Knolls

Good evening everyone, please see below email received yesterday from Mike Horne, GS Refuge Manager. It contains a link to the report of the results of the Fish & Wildlife investigation. I will be scheduling our next CAG meeting shortly, probably for mid-February by Zoom. The meeting will be a brief review of the letter I received in October from the PRP attorney (copy of letter and my response sent previously), and a presentation by the CAG consultants, GEI. GEI has created a spreadsheet of other superfund landfills within EPA Region 2 to compare similarities and differences in the landfills and their remediations. Fish & Wildlife will give a brief overview of their investigation with a subsequent meeting to be devoted to their review.

Please share this email with your friends and neighbors as community knowledge and input is essential to facilitating the most appropriate remediation results. Please feel free to reach out to me with any questions and thanks for your interest!

Best, Sally

*Sally S. Rubin*  
*Executive Director*  
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**From:** Horne, Michael <michael\_horne@fws.gov>  
**Sent:** Tuesday, January 18, 2022 3:36 PM  
**To:** Sally Rubin <srubin@greatswamp.org>  
**Subject:** Data Gaps Document Link

Good Afternoon Sally,

We are happy to share the results of our investigation from this past spring/summer. You will see that our findings augment the data presented in the Remedial Investigation in a few key areas. These areas include: contamination at depth in the landfill, a better horizontal extent of contamination profile on Refuge land, a better understanding of migration pathways under various redox conditions, presence of PFAS, empirical observations of active leaching, and locations of additional drum carcasses. Of particular note is the high concentrations of mercury that appear throughout the entire study area. Please feel free to share this with Fran and Bob as well as the CAG and the public.

In addition, we will be sharing a remedial alternatives evaluation that provides an FS-level review of the consolidation and capping with an on-site materials option that we have previously discussed. This document is nearing completion and will be shared when available.

FWS shared the results of this study following a phased approach beginning with EPA with the anticipation that both sister agencies would discuss the findings before releasing to other partners. No such meeting occurred. Subsequently, the document was released to the PRP group, NJDEP, Miele Trust, and Chatham Township on 1/10. FWS believes it is now prudent to share the results with the public. The hope is to provide a brief overview of the results in the next (January) CAG meeting and present our complete results to the community thereafter in the following CAG meeting (February).

The following link should enable you to download the report in its entirety or the report with appendices removed. Please advise if you are having any difficulties with the link or the download process.

[https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Ffiles.sharefws.gov%2F%3Flinkid%3DKZi4zr6VWWXEkAoMEyRkm6p5E8SHRA1s8YDODS6ncAGbVD1esEYc2g&data=04%7C01%7Cmichael\\_horne%40fws.gov%7C76f9739e7d0b413cadb208d9daae98b4%7C0693b5ba4b184d7b9341f32f400a5494%7C0%7C637781265677864111%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0%3D%7C3000&sdata=4tJzyUTzQ8V9HRb9sucglsgYUzafB6NMLfsRYKRNs3o%3D&reserved=0](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Ffiles.sharefws.gov%2F%3Flinkid%3DKZi4zr6VWWXEkAoMEyRkm6p5E8SHRA1s8YDODS6ncAGbVD1esEYc2g&data=04%7C01%7Cmichael_horne%40fws.gov%7C76f9739e7d0b413cadb208d9daae98b4%7C0693b5ba4b184d7b9341f32f400a5494%7C0%7C637781265677864111%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0%3D%7C3000&sdata=4tJzyUTzQ8V9HRb9sucglsgYUzafB6NMLfsRYKRNs3o%3D&reserved=0)

Mike Horne  
Project Leader  
Lenape National Wildlife Refuge Complex

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973-417-9552